

20570

Cross ref: Tech. Prop. -
New Ideas.

DPD-4237-55
Copy ___ of 7

22 June 1959

MEMORANDUM FOR DEPUTY DIRECTOR (PLANS)

THROUGH: Acting Chief, Developments Project Division, DD/P

SUBJECT: Technical Proposals and/or New Ideas Concerning Scientific Collection of Intelligence

REFERENCES: 1. DD/P-4-7391 dated 15 June 1959
2. DPD-1052-59 dated 15 April 1959

1. In reference to Art Luxmahl's memorandum forwarded under reference 1, the catadioptric lenses are the same type as proposed by Rod Scott in Perkin & Elmer's Engineering Report No. 5442 dated 28 May 1959 and shown as Systems 1 and 2 on Page 12. This is a system recommended by Perkin & Elmer for Wikner's GUSTO vehicle.

2. [redacted] of HTI is forwarding to this office reports covering items 4 and 5 noted in reference 2 for review and consideration.

3. This office has been and will continue to follow all developments in the reconnaissance area being conducted by WDC, WDC and RDC. Any item that we feel will be of any value to GUSTO or any other program will be brought to your immediate attention.

Major, USAF

DPD-DD/P:LEW TSON:ameb

Distribution:

Orig. & 1 - Addressee

1 - [redacted]
1 - [redacted]
1 - [redacted]
1 - [redacted]
1 - [redacted]

Blind File [redacted]

GUS-0253

13 May 1959

MEMORANDUM FOR : Deputy Director (Plans)
THROUGH : Acting Chief, DPD SIGNED
SUBJECT : Evaluation of shell-Schmidt system for GUSTO

25X1A 1. The attached preliminary P & E proposal is forwarded for your information and consideration. It should be noted that compartment size has caused a reduction from the 36 inch focal length to 24 inches. If sufficient space should be made available to allow utilization of the 36 inch system, it will weigh approximately 700 pounds which far exceeds the 500 pounds available in the CONVAIR vehicle. P & E is continuing to investigate the possibility of employing the shell-Schmidt system as proposed by [redacted]. It is hoped that evaluation can be completed and the desired GUSTO system selected by the first of June.

2. A meeting is scheduled between representatives of P & E and CONVAIR in Fort Worth, Texas on 14 May 1959 to select and firm up the aircraft bay to be used for reconnaissance equipments.

3. After your review it is desired that the attached evaluation be returned to D and P for file and reference.

[redacted]
Major, USAF

ATTACHMENT
Proposal (P & E)

DDP-DD/P [redacted] amcb

Distribution:

- Orig. & 2 - DD/P, w/Attach.
3 - Acting Chief, DPD
4 - Mr. E. Keifer
5 - Chief, Dev. Branch [redacted]
6 - OPS [redacted]
7 - Dev [redacted]
8 - Chrono, GUS